

SONY®

White paper

September 2014



SmartBand Talk

SWR30

About this document

This document contains technical specifications for the Sony SWR30 SmartBand Talk accessory.

Document history

Version		
August 2014	First released version	Version 1
September 2014	Second released version	Version 2

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Sony Mobile Developer World

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Product overview	2
SmartBand Talk SWR30	2
Facts – dimensions, weight, performance	2
Feature list	4
Requirements on tablets and smartphones	4
Technologies in detail	5
Device-to-device communications (local)	5
Bluetooth® wireless technology	5
Trademarks and acknowledgements	6

Product overview

SmartBand Talk SWR30

The SmartBand Talk SWR30 is both a unique standalone device as well as a companion product that allows completely new interaction possibilities with your Android phone or tablet (Android version 4.4 or later). The SWR30, when worn on your wrist, can monitor your body movements and interact with your Android smartphone or tablet to generate data about your life and habits. For example, the SmartBand Talk counts your steps and records data about your physical activities while you sleep, walk, run or jump. Use it to set personal goals and then track your progress.

The SmartBand Talk comes with a smart E Ink® display that displays time, notifications and the status of monitored activities. With a host of applications available for your SmartBand Talk on Google Play™*, it's easy to add new features and explore new ways to get the most out of your accessory. And with an IP rating of IP68, making it dust tight and highly water resistant, your accessory is well equipped to take whatever life throws at it.

The accessory also helps you to stay organised and manage common day-to-day tasks. For example, you can use it to handle phone calls and text messages and to record voice notes**.

* This service is not available in all markets.

** You may need to download a separate application for the functionality described to work.

Facts – dimensions, weight, performance

Processor	ARM Cortex-M4 32-bit processor
Size (module)	47.5 x 22.3 x 9.5 mm
Length of wrist band	
Large size	255 mm
Small size	232 mm
Weight	
Module	12 grams
Large wrist band including module	26 grams
Small wrist band including module	24 grams
Available colours	

Wrist band	Black, white, red, blue, pink, lime*
Module	Black, white
Keys	Volume keys (Up/Down) Function key (On/Off, SmartWear App, media control, voice command)
Vibrator	Yes
Speaker	Yes
Microphone	Yes
Wideband speech	Yes
Display	E Ink®
Resolution	296x128 pixels
Size	1.4 inch
Memory	
Flash memory	2MB internal embedded flash memory 128MB external NAND flash memory
RAM	256KB
Sensors	
Accelerometer	Yes
Altimeter	Yes
Bluetooth	
Bluetooth specification	3.0
Transfer rate	< 2Mbps
NFC	Yes, for One touch™ pairing
USB	Yes, standard micro USB for charging only
Battery	
Type	Lithium Polymer
Capacity	65 mAh
Charge time	≤ 1 hour
Usage time	
Talk time	Up to 1 hour
Standby time	Up to 3 days
Environmental data	
Operating temperature range	-5°C to +50°C

Operating humidity range	5% to 99% RH
Storage temperature range	-25°C to +70°C
Storage humidity range	20% to 95% RH
Charging temperature range	10°C to 40°C
Water and dust classification	IP68**

* The colours available for the Sony SWR30 SmartBand Talk depend on the particular market and launch schedule.

** In compliance with IP68, this accessory is protected against the ingress of dust and is waterproof. Provided that all ports and covers are firmly closed, the accessory can be kept under 1.50 metres of freshwater for up to 30 minutes in compliance with IP68.
Find out more at www.sonymobile.com/testresults.

Feature list

Out of the box features Dynamic homescreen Automatic sleep Activity tracking Stairs/elevator Life bookmarks with voice Voice calls Music player Call favourite Notifications Smart Wakeup Find Smartband DnD mode	Google Play™ apps* Voice control Find Phone TrackID™ Camera remote Sony camera remote Weather Calendar Voice Note (works with Evernote) World Clock Smart Control Office suite
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* The Google Play™ service is not available in all markets.

Note: More applications will be made available on Google Play™ in the future. This list is for reference purposes only.

Requirements on tablets and smartphones

Operating system compatibility	Android version 4.4 or later
Bluetooth	Version 3.0 or later

Technologies in detail

NOTE: The information outlined below is general and levels of compliance to standards and specifications may vary between products and markets. For more information, contact Sony Mobile Developer World or your Sony contact person where applicable.

Device-to-device communications (local)

Bluetooth® wireless technology

Bluetooth® profiles supported	Handsfree Profile v1.6 Radio Frequency Communication Profile v1.2
Core version and supported core features	Version 3.0
Connectable devices	Products which support at least one of the Bluetooth® profiles listed above.

More information:

www.sonymobile.com/developer

www.bluetooth.com

Trademarks and acknowledgements

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